

No.

Aug 9th 1893
to

Aug. 22nd 1893.

Hyd. 3366 to 3404

D: 3538 to 3545

Heft nos 27 3538.
Jyd 3366

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. *S.R.D.* 56, 41 - 168, 29

No. 3538 *D.* Date Aug 9/93
Tanner Machine. Reel.

Turns 56 Cor. + 3 Depth 59

Shot or lead 25 lb

Bottom *gn M & S.*

Bottom temperature 38

No. of thermometer 63902 Cor. -

Corrected temperature 38.0

Air 48 Surface 46 Drift .8 Mile

Trawl or dredge *large beam* E 1/2 N (mag)

SOUNDING WIRE.

DREDGE ROPE.

Down.	Up.	TURNS.	Down.	Up.
10.13.57	15.43	0	10.35.5	57.40.
14.31	10.14.40	100	39.2	54.01.
		(150)	41.13	10.52.18
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Log = 39.0
Put 17 hand lines over for 18 minutes.
Caught: 3 Cod.

Put over surface net at 10.39 mi at 10.57.
Caught: numerous crustacea & Balanus.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
5 25	45.5	62902	—	45.5
10 50	46.0	61757	+0.1	46.1
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1 fm Sculpin. 3 Starfish: 4 crinoids: few
 shrimp & pper. few fm crabs: few fm shells
 few fm mudabranche: 1 piece of sea weed.
 from bottom.

56° 37' N, 167° 55' W
 3366 *Hy* Date Aug 9 '23
 Machine. Reel.

Turns 57 Cor. + 2 Depth 59

Shot or lead 25 lbs

Bottom gy M + S.

Bottom temperature 38

No. of thermometer 63907 Cor. -

Corrected temperature 38.0

Air 49 Surface 46 Drift *None*

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1-09.00	1-10.30	0		
09.30	09.35	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

8 Hand lines over for 2-1'
 Aug 15 - cont.
 B. Log 9.1

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
545	12	3700	
37		3800	
<hr/>		3900	
488		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
5 ²⁵	45.8	61757	+0.1	45.9
10 ⁵⁰	45.4	61758	—	45.4
20 ¹⁰⁰	38.8	61584	—	38.8
30 ²⁰⁰	36.4	62364	+0.1	36.5
40 ³⁰⁰	37.0	61596	+0.2	37.2
50 ⁴⁰⁰	37.0	63902	—	37.0
500				
600				
700				
800				
900				
1000				

REMARKS:

A.K.D. J.M.H. *32° 34' N, 167° 19' W*

No. *3539* *Dr.* Date *Aug. 9. 93*
Sigsbee Machine. Reel.

Turns *55* Cor. + *7* Depth *57 fms.*

Shot or lead *75 lbs*

Bottom *gy. m. s.*

Bottom temperature *38.9*

No. of thermometer *63907* Cor. —

Corrected temperature *38.9*

Air *49* Surface *45* Drift *5/10 E 1/2 S (mag)*

Trawl or dredge *Large Beam & Mud bag*

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3, 49.</i>	<i>50, 55</i>	0	<i>4-11-10</i>	<i>31-20</i>
<i>50.</i>	<i>3-50-15</i>	100	<i>15-20</i>	<i>28-00</i>
		<i>120</i>	<i>15-55</i>	<i>4-27-20</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

8 fms. line over for 1 point.
Caught 2 Cod.
P. Log. 30.0

Surface net over from 4.15 to 4.26
Caught: 1 sm fish, numerous sm crustacea.

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
5-25	46.2	63902	—	46.2
10-50	46.5	01596	+0.2	46.7
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1 *Leptodes* 1/2 pt Shrimp (2 sp)
 1/2 pt Univalves 1/2 pt Hermit Crabs
 1/2 pt sm Shells, 1 Octopus, 2 lg
 Worms, 2 sm Starfish, 2 lg Star
 fish, few sm Crabs.

S.P.D. 53° 31' N 166° 43' W

No. 3367 Hyd. Date Aug 9/93
Tanner Machine. Reel.

Turns 53. Cor. + 2 Depth 55.

Shot or lead 25 lb

Bottom dk gn M. s. f. c. d.

Bottom temperature 37 1/2

No. of thermometer 63902 Cor. —

Corrected temperature 37.5

Air 48 Surface 46 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
6.38.45	40.17	0		
39.28	6.39.41	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

49.4
 Out - 6 band line over for 1 1/2 minutes.
 Caught: nothing

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
5 25	46	61250	-	46
10 50	46 1/2	61250	+0.1	46.6
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9.17 13.00
17.45 17.45

0
100
120
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400

36° 23' N. 165° 28' W.

No. 3368 *Tanner* Machine. — Reel. Date *Aug 10, 1893.*

Turns 46 Cor. + 2 Depth 48 fms

Shot or lead 25 lbs.

Bottom *gn m. fine s*

Bottom temperature 36.5

No. of thermometer 63902 Cor. —

Corrected temperature 36.5

Air 48 Surface 45 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>114</i>		0		
<i>12-17-50</i>	<i>18-50</i>	100		
<i>18-15</i>	<i>12-18-50</i>	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

56° 18' 11" 164° 45' 11"

No. 336 Date Aug 10, 1892

Tanner Machine. — Reel.

Turns 47 Cor. + 2 Depth 49

Shot or lead 25 lbs.

Bottom fine gy. s.

Bottom temperature 36.1

No. of thermometer 6392 Cor. —

Corrected temperature 36.4

Air 48 Surface 45 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

T. L. G. No. 2

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 354127 Date Aug 1902
 Tanner Machine. Reel.
 Turns 47 Cor. + 2 Depth 49
 Shot or lead 25 lb
 Bottom bk m of fine S
 Bottom temperature 36.1
 No. of thermometer 63902 Cor. —
 Corrected temperature 36.1
 Air 48 Surface 46 Drift 1
 Trawl or dredge 6 ft beam trawl

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
5.49.30	20.37	0	5.49.25	6.03.45
5.50.00	20.12	100	5.49.50	6.03.32
		200	5.50.20	6.03.26
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
5 25	46.9	63400	—	46.9
10 50	47	63401	+0.2	47.2
20 100	35.3	63402	+0.1	35.4
30 200	35	63403	-0.1	34.9
40 300	35.2	63404	—	35.2
400				
500				
600	Sandy bottom			
700	Many small shells			
800				
900	Beard Trout = 3 1/2 ft. long			
1000	(L. m. m. m.) 1 lg. R. c. d. c.			
	REMARKS:			
	2 M. g. s. s. s., 1/2 ft. long; 2			
	H. m. l. m. s. s.; few worms;			
	H. m. s. s. s. s.; 1/2 ft. long;			
	1/2 ft. small shells; few crabs;			
	1 Actinophyllos;			

107.

No. 35247

Date JUL 10 93.

Machine. Reel.

Turns 47 Cor. + 2 Depth 49.

Shot or lead 45 lb.

Bottom on 11 x fine sh. s.

Bottom temperature 39.2.

No. of thermometer 6372 Cor. —

Corrected temperature 39.2

Air 49 Surface 47 Drift .7

Trawl or dredge 300 ft 15' 5' 1/2

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
43.10	46.05	0	10.15	45
43.10	46.15	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

No. 3347

Date Aug 10 1893

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

Surface

Drift

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	7.11.5	15.05
		100	8.3.15	9.43.30
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
Lowered at 45 mins. depth.	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Tanner Intermediate
 Closed Bag: 4 small Crustacea.
 Open Bag: 1 small Crustacea.
 1 box.

54-53-15 = 164-25-40

No.

3370

Date

Aug 10 1892

Machine.

Reel.

Turns 19

Cor. +

1

Depth 20

Shot or lead

Bottom dk gy s x fine

Bottom temperature

No. of thermometer

None

Cor.

Corrected temperature

Air

53

Surface

47

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

54-57-00 = 164-26-20

J. H. D. / H. C. L.

No. *3371* Date *Aug 23*
Cassini Machine, Reel. *1*

Turns *16* Cor. + *1* Depth *17*

Shot or lead

Bottom *fine gy. s. l.*

Bottom temperature

No. of thermometer *None* Cor.

Corrected temperature

Air *53* Surface *47* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7-20-</i>	<i>-</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

54-51-50=164-26-40

Fig 1.

No.

Date

Machine.

Reel.

Turns 14 Cor. + 1 Depth 15

Shot or lead

Bottom

Bottom temperature

No. of thermometer) (Cor.

Corrected temperature

Air 53 Surface 47 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

54-51-00 = 164-27-00

H. K. = H. K.

No. 3373 Date 51 10 23

Machine Reel.

Turns 12 Cor. + 1 Depth 14,

Shot or lead.

Bottom dark sand.

Bottom temperature

No. of thermometer None Cor.

Corrected temperature

Air 53 Surface 47 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

7-30

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

114 54-50-30 = 164-17-20

No.

Date

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

FKH

53 25 ~~22~~ 167

33 00

No. 3375 Hyd. Date Aug. 17, 1893
 Tanner Machine. Reel.

Turns 41 Cor. + 2 Depth 43 fms

Shot or lead 25-lbs.

Bottom bk S.

Bottom temperature 41.8

No. of thermometer 61584 Cor. -

Corrected temperature 41.8

Air 47 Surface 46 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7-13-00	14-10	0		
13-30	7-13-35	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

one cord

36.5

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507.

1109 33 35 167

53

No. 3376 Hyd Date Aug 17/9

Machine. Reel.

Turns 87 Cor. + 7

Depth 87 fms

Shot or lead 26 lb

Bottom gy.

Bottom temperature 40.3

No. of thermometer 63907

Cor. —

Corrected temperature 40.3

Air 47

Surface 44

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9.19.52

24.09

0

21.45

9.22.09

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		1532	188	82
50		82	181	7
100		<u>40</u> 1	<u>1</u>	<u>87</u>
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

53 38 = 167

59

No. 3377 Date

Sigsbee Machine.

Reel.

Turns 376 Cor. + 31

Depth 407 fms.

Shot or lead 26 lb

Bottom fine sand

Bottom temperature 37.9

No. of thermometer 63902

Cor. —

Corrected temperature 37.9

Air 48 Surface

44 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

4.53.01	06.44	0
54.05	05.31	100
55.05	04.30	200
56.05	10.01.25	300
58.05	9.59.15	(376) 400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4533	188	37.6
50		376	157	31
100		4157	31	40.7
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 3378 H.M. Date Aug 17
 Machine. Reel, H.M.
 Turns 168 Cor. + 54 Depth 755 fms.
 Shot or lead 35 lb.
 Bottom gy. M. S. fine S.
 Bottom temperature 36.2
 No. of thermometer 63902 Cor. —
 Corrected temperature 36.2
 Air 71° Surface 71° Drift
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10.58.10	16.10	0		
10.58.38	15.24	100		
10.59.14	14.14	200		
11.00.58	13.20	300		
11.01.57	12.30	400		
11.03.00	11.50	500		
11.04.38	10.30	600		
11.06.09	11.9.15	700		
		701		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	4533
	3400	701
	3500	3832
	3600	
	3700	
	3800	
	3900	
	4000	

188
134
54

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4533	188	701
50		701	134	
100			54	
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 119 Hyd. Date Aug 17/93
 Machine. Reel. Mary #1
 Turns 665 Cor. + 52 Depth 717 fms
 Shot or lead 36 lb
 Bottom dk. S. fine G.
 Bottom temperature 36.6
 No. of thermometer 61752 Cor. -0.1
 Corrected temperature 36.5
 Air 48 Surface 47 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12-03	11-45	0		
04.30	11.40	100		
05.25	11.35	200		
06.15	11.30	300		
07-30	11.25	400		
08.05	11.20	500		
	11.15	600		
10.15	11-12.30	665		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	4533
	3500	665
	3600	52
	3700	
	3800	
	3900	
	4000	

188
136
52

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4533	665	188
50		665	52	136
100		52	52	52
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

107. 11 53 56 168 07

No. 3380 Date

Machine. Reel.

Turns 775 Cor. + 36 Depth 781

Shot or lead 35

Bottom blk. Vol.

Bottom temperature 36.2

No. of thermometer 61758 Cor. - 0.1

Corrected temperature 36.1

Air 81 Surface Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

1-12-45	0 50	0
13.00	1 00	100
14.05	1 05	200
15.25	1 10	300
16.36	1 16	400
17.50	1 20	500
18.55	2 16	600
19.15	2 15	700
20.25	2 20	800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400	4532	188
	3500	725	132
	3600	580	56
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4532	132	725
50		580	132	56
100		580	56	781
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

54 04 168 14

No. 3381 Date May 17 1893

Machine. Reel.

Turns 1120 Cor. + 83 Depth 1263 fms

Shot or lead 33 lbs

Bottom gy S.

Bottom temperature

No. of thermometer 61708 Cor. - 0.1

Corrected temperature 35.8

Air 49 Surface 48 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
43.30	11.70	0		
44.30	10.75	100		
45.30	09.45	200		
46.45	08.45	300		
47.45	07.45	400		
48.45	06.45	500		
49.50	05.30	600		
50.50	04.45	700		
51.50	03.40	800		
52.50	02.45	900		
53.50	01.40	1000		
54.50	00.15	1100		
55.50	2.59.30	1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	45-53
	3600	11-83
	3700	32-53
	3800	
	3900	
	4000	

188
105
83

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		12773	188	188
50		12773	185	185
100		12773	18	1263
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 5430 Date 168 35

Machine.

Reel.

Turns 764 Cor. + 59

Depth 822 fms

Shot or lead 35

Bottom hrd. (no specimen)

Bottom temperature 36.5

No. of thermometer 61158

Cor. - 0.1

Corrected temperature 36.4

Air 47

Surface 47

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

14.05

0

12.00

100

10.25

200

9.51

300

8.50

400

7.51

500

6.50

600

5.50

700

4.50

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4533	188	764
50		764	130	58
100		3769	58	822
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

54 56 = 168 56

No. 2223 Date 10/1/11
 Machine. Reel. 11/11/11
 Turns 1125 Cor. + 80 Depth 1205 fms
 Shot or lead 35 lbs.
 Bottom gy. s. 36.
 Bottom temperature 61.758
 No. of thermometer 61758 Cor. - 0.1
 Corrected temperature 35.9
 Air 48 Surface 1/6 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10 34-06	80.00	0		
56.30	79.00	100		
57.00	78.00	200		
11-00.15	77.00	300		
01.30	76.00	400		
03.10	75.40	500		
05.15	74.45	600		
07.30	73.50	700		
09.45	72.55	800		
11.15	71.00	900		
13.10	69.30	1000		
15.15	68.00	1100		
16.00	11-17.30	1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	4533
	3600	1125
	3700	3408
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4533	188	1125
50		1125	188	80
100		3408	80	1125
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

355 22 169 17

No. *3384* Date *Aug 18, 1893*
 Machine. *2* Reel. *Tracy*
 Turns *1157* Cor. + *70* Depth *1157*
 Shot or lead *60 lb*
 Bottom *gy. M. + G.*
 Bottom temperature *36.0*
 No. of thermometer *61758* Cor. *-0.1*
 Corrected temperature *35.9*
 Air *48* Surface *47* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3-10-15</i>	<i>33-00</i>	0		
<i>11-00</i>	<i>32-00</i>	100		
<i>11-50</i>	<i>31-05</i>	200		
<i>12-35</i>	<i>30-10</i>	300		
<i>13-25</i>	<i>29-10</i>	400		
<i>14-20</i>	<i>28-05</i>	500		
<i>15-15</i>	<i>27-10</i>	600		
<i>16-15</i>	<i>26-10</i>	700		
<i>17-15</i>	<i>25-15</i>	800		
<i>18-15</i>	<i>24-20</i>	900		
<i>19-20</i>	<i>23-20</i>	1000		
<i>20-20</i>	<i>22-25</i>	1100		
<i>20-35</i>	<i>21-35</i>	1157		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Machine 6/10 cur. in 2. reel.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	4533 188
	3700	1108 109
	3800	3425 79
	3900	1108
	4000	487

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4533	188	1108
50		1108	109	79
100		3425	79	1187
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 3385 Hyd. Date Aug 18 23

Machine. Reel.

Turns 966 Cor. + 71 Depth 1036 fms.

Shot or lead 35-lb

Bottom G. M. & S.

Bottom temperature 36.1

No. of thermometer 61758 Cor. - 0.1

Corrected temperature 36.0

Air 48 Surface 47 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
7.40	33.16	0		
8.08	32.09	100		
9.00	31.11	200		
10.00	30.13	300		
11.00	29.14	400		
12.00	28.23	500		
13.27	27.21	600		
15.02	25.25	700		
17.52	24.44	800		
19.18	23.39	900		
20.02	23.00	(966) 1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500	4533	188
	3600	955	118
	3700	3557	70
	3800		
	3900		96
	4000		70
			1056

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	47.6	61757	+0.1	47.7
50	48.	61575	+0.2	48.2
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lat. 55° 59' - 169° 27'

No. 3386

Date

Machine.

Reel.

Turns 315 Cor. +

26

Depth

341 fms

Shot or lead

35 lb.

Bottom

Bottom temperature

No. of thermometer

61758

Cor. - 0.1

Corrected temperature

38.3

Air

49

Surface

47

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

8, 58.00

05.40

0

58, 50

04, 45

100

1, 00

03, 50

200

01, 00

02, 50

300

01, 10

02, 40

315

~~400~~

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4533	188	315
50		315	162	26
100		4218	26	341
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lat. $36^{\circ} 09' = 169^{\circ} 29'$
 Long.

No. 2357 Date July 17 1883
 Machine. Reel.

Turns 200 Cor. + Depth 290 fms.

Shot or lead 23 lb

Bottom dk M

Bottom temperature 38.8

No. of thermometer 6108 Cor. - 0.1

Corrected temperature 138.7

Air 49 Surface 48 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
15-00	15-20	0		
15-10	15-15	100		
15-20	15-10	200		
15-30	15-00	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

~~4500~~

~~4600~~

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		545	12	283
50		283	3	9
100		262	9	292
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

36° 19' 169° 32'
 No. 3388 Date Aug 15 '93
 Machine. Reel.
 Turns 7 Cor. + 3 Depth 7 fms.
 Shot or lead 25 lbs.
 Bottom gy. s. b.
 Bottom temperature
 No. of thermometer None Cor.
 Corrected temperature
 Air 24.1 Surface 48 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11:10.00	57.00	0		
10.00	11.50.10	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	54.5
	3600	12
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

7/11/11 56° 41' = 169° 39'

No. 3543 22. Date *Aug 11 1893*
 Machine. — Reel.

Turns 41 Cor. + 2 Depth 43

Shot or lead 25 lbs.

Bottom *bl. s.*

Bottom temperature 42.8

No. of thermometer 61758 Cor. - 0.1

Corrected temperature 42.7

Air 48 Surface *44* Drift

Trawl or dredge *Agassiz*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
14-17-45	18-30	0	4-33-30	5-30
18	18-45	100	40-50	4-51-15
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

7 fathoms net at 14-17-45
Caught: few, some Crustaceans
Spiders - refuse.

7/15/15

No. *35-123* Date *April*

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift *1 mi E (mag)*

Trawl or dredge *Tanner B. -*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>5-00-25</i>	<i>12-20</i>
		100	<i>12-20-5</i>	<i>13-15</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
<i>Towed at a distance of 30 fms.</i>	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*Upper net - few Crustaceans
and Lophota. Lower net -
numerous Lophota & Crustaceans
few Siphon.*

56° 50' = 169° 59'

No. *574* Date *Aug 11*
Cummins Machine. Reel.
 Turns *47* Cor. + *1* Depth *48 fms.*
 Shot or lead *25 lb*
 Bottom *fine gy. S. sh.*
 Bottom temperature *41.2*
 No. of thermometer *61738* Cor. - *0.1*
 Corrected temperature *41.1*
 Air *47* Surface *44* Drift
 Trawl or dredge *Lucy*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		(100)		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Lucy 14 ft. 3 in. long, 1 1/2 in. diam. - lines for 14 fms. - nothing.

at surface but over at 74 fms at 7.5 fms. - abundance of com. -

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	545
	3400	30
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
5 25	44.5		-0.1	44.6
10 50	43.	61252	-0.0	43.0
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

20 fathoms in 1/2 ft. water. Light
 observations: 1/2 ft. water. Light observations:
 20 fathoms in 1/2 ft. water. Light observations:
 100 fathoms in 1/2 ft. water. Light observations: 50 fathoms.

56° 47' = 170° 34'

No. 3389

Date

Aug 18 93

Machine.

Reel.

Turns 55 Cor. +

2

Depth

57

Shot or lead 25 lb.

Bottom

dk. M.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

46

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

18.5

19.30

0

18.45

19.00

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

571
Aug 18 93

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	32.5 12
	3600	5.5 16
	3700	<u>450</u> 2
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
5 25				
10 50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

56° 45' = 171° 10'

No. 3390 Date Aug 12 1883
Tanner Machine. — Reel

Turns 60 Cor. + 3 Depth 63 fms

Shot or lead 25 lbs.

Bottom fine gy. s. bk. sh.

Bottom temperature 11.1

No. of thermometer — Cor.

Corrected temperature

Air 46 Surface 45 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12-30-30		0		
39-11	2-5-40	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

JKH 52 32' = 171° 45'

No. 3391 Hyd Date Aug 19, 1893.
 Tanner Machine. — Reel.

Turns 62 Cor. + 3 Depth 65 fms

Shot or lead 25 lbs

Bottom fine gy S m s

Bottom temperature

No. of thermometer — Cor.

Corrected temperature

Air 46 Surface 45 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2-56-10	57-50	0		
58-35	2-56-10	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2-571 P. Log : 42.6

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

540 12

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

56° 39' = 172° 21'

No. 3371 Date 19/1/73

Machine. Reel.

Turns 73 Cor. + 3

Depth 76 fms.

Shot or lead 25 lb

Bottom gy S. M

Bottom temperature 39

No. of thermometer 6178

Cor. - 0.1

Corrected temperature 38.9

Air 47 Surface 45

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
0.19.00	0.55.00	0		
0.19.30	0.54.30	100		
		200	545	12
		300	73	9
		400	472	3
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

* DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
10 25	46	63902	0.0	46.0
15 50	46.5	61752	+0.1	46.6
20 100	42.4	61584	0.0	42.4
30 200	39	62364	+0.1	39.1
40 300	38.2	61575	+0.2	38.4
50 400	38	61575	0.0	38.0
60 500	38.5	61575	-0.1	38.4
70 600				
80 700	46	61575	0.0	46.0
900				
1000				

REMARKS:

56° 36' = 172° 56'

No. 3395 Hyd Date Aug 19/00

Machine. Reel.

Turns 336 Cor. +

Depth 346 fms

Shot or lead 35 lb

Bottom gy S M

Bottom temperature 38.0

No. of thermometer 67364 Cor. + 0.1

Corrected temperature 38.1

Air 14.6 Surface 46 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
59.30	59.15	100		
	59.00	200		
1.00	58.45	300		
	58.30	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		150	1.2	31
50		300	2	31
100		200	1.0	1346
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

56° 32' = 178° 32'

No. *107* Date *Aug 22*
Sigsbee Machine. Reel. *1200*
 Turns, *1527* Cor. + *104* Depth *1631*
 Shot or lead *35 lb.*
 Bottom *fine S & G*
 Bottom temperature *35 1/2*
 No. of thermometer *61758* Cor. *-0.1*
 Corrected temperature *35.4*
 Air *47* Surface *46* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10. 28. 35</i>	<i>11-05. 00</i>	0		
<i>29. 30</i>	<i>04. 55</i>	100		
<i>30. 30</i>	<i>03. 00</i>	200		
<i>31. 10</i>	<i>01. 00</i>	300		
<i>32. 40</i>	<i>01. 00</i>	400		
<i>33. 45</i>	<i>11. 00 00</i>	500		
<i>34. 30</i>	<i>59. 10</i>	600		
<i>35. 40</i>	<i>58. 10</i>	700		
<i>36. 55</i>	<i>57. 15</i>	800		
<i>38. 10</i>	<i>56. 40</i>	900		
<i>39. 45</i>	<i>55. 40</i>	1000		
<i>40. 45</i>	<i>54. 40</i>	1100		
<i>42. 10</i>	<i>53. 15</i>	1200		
<i>43. 50</i>	<i>52. 15</i>	1300		
<i>45. 40</i>	<i>51. 15</i>	1400		
<i>47. 00</i>	<i>50. 00</i>	1500		
<i>47. 15</i>	<i>10. 49. 30</i>	1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

453 3
152 7
3006

152 7
84
104
152 7
152 7

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		453 3	108	152 7
50		152 7	84	104
100		3006	104	1637
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

56° 22' = 174° 26'

No. 3395 *Hand* Date *Aug 14, 1893.*

Sigsbee Machine. 2 Reel, *12*

Turns *1674* Cor. + *113* Depth *1787*

Shot or lead *35 lb*

Bottom *crs blk S*

Bottom temperature *35.5*

No. of thermometer *61758* Cor. *-0.1*

Corrected temperature *35.4*

Air *48* Surface *47* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>57-55</i>	<i>15-55</i>	0		
<i>58-10</i>	<i>17-00</i>	100		
<i>59-10</i>	<i>17-10</i>	200		
<i>1-10</i>	<i>16-25</i>	300		
<i>11-30</i>	<i>15-45</i>	400		
<i>12-50</i>	<i>15-00</i>	500		
<i>14-10</i>	<i>14-15</i>	600		
<i>15-10</i>	<i>13-30</i>	700		
<i>16-10</i>	<i>12-40</i>	800		
<i>17-10</i>	<i>11-50</i>	900		
<i>50-10</i>	<i>10-55</i>	1000		
<i>51-45</i>	<i>09-55</i>	1100		
<i>53-20</i>	<i>08-55</i>	1200		
<i>55-10</i>	<i>07-55</i>	1300		
<i>56-45</i>	<i>06-55</i>	1400		
<i>58-25</i>	<i>05-45</i>	1500		
<i>3-00-20</i>	<i>04-55</i>	1600		
<i>02-10</i>	<i>03-30</i>	1674		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	1522
	3700	1674
	3800	2857
	3900	1674
	4000	1787

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		45	1.0	1.0
50		1674	75	112
100		2857	112	1787
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

346 Hyd Date Aug 19 1895

Machine. 2 Reel.

Turns 1875 Cor. + 12.5

Depth 2000 fms

Shot or lead

60 lb

Bottom

gy. sh. f. s. S. S.

Bottom temperature

35.5

No. of thermometer

61758

Cor. -0.1

Corrected temperature

35.4

Air

47

Surface

47

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11-49.10	33-50	0
50.00	31-55	100
51.30	31-05	200
53.15	30-15	300
54.10	29-25	400
55.00	28-35	500
55.50	27-40	600
56.00	26-45	700
57.45	25-45	800
58.45	24-45	900
59-40	23-40	1000
8-00-40	22-35	1100
01-55	21-30	1200
03-15	20-20	1300
04-40	19-10	1400
05-10	18-00	1500
07-30	16-50	1600
08-55	15-30	1700
10-15	14-10	1800
11-20	8-13-25	1875

1875	198
1875	63
2645	125
1875	
2650	

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4655		18.5
50		1855	65	12.5
100		4655	125	2.5
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 329

Date

Machine.

Reel

Harp 42

Turns

Cor. +

Depth

Shot or lead 60 lbs.

Bottom

Bottom temperature

No. of thermometer

61758

Cor.

Corrected temperature

Air

41.8

Surface

47

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1-1.45

2.32

3.11

4.00

0

100

200

300

(350)

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300	4533	188
	3400	350	159
	3500	<u>4183</u>	<u>29</u>
	3600		350
	3700		<u>379</u>
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

✓
379 fms, wire parted, lost 29
60 lb shot, and therm
617° 8.

No. 3395 Hydro. Date Dec 1899
Machine. Reel. (1)

Turns 1932 Cor. + 117 Depth 2049 fms

Shot or lead 60 lb

Bottom gn M

Bottom temperature 35

No. of thermometer 63902 Cor. 0.0

Corrected temperature 35.0

Air 48 Surface 47

Drift 4 7/8 E May

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

1.56.10	37.25	0		
.26	36.12	100		
2.16	35.19	200		
3.08	34.20	300		
3.59.00	33.19	400		
4.50.56	32.21	500		
5.42.52	31.20	600		
6.34.48	30.32	700		
7.26.43	29.33	800		
8.18.44	28.32	900		
9.10.50	27.40	1000		
10.02.58	26.35	1100		
10.54.56	25.28	1200		
11.46.53	24.17	1300		
12.38.49	23.05	1400		
13.30.49	21.44	1500		
14.22.51	20.15	1600		
15.14.57	18.52	1700		
16.06.57	17.34	1800		
16.58.58	15.30	1900		
17.50.57	13.57	2000		
18.42.57	12.01	2100		
19.34.57	10.01	2200		
20.26.57	8.01	2300		
21.18.57	6.01	2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	4.02
	3500	1932
	3600	2251
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4193	1.51	1932
50		1032	0.1	117
100		2251	117	2049
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

55-25 = 176 - 13

No. *1738* Date *Aug 20 1903*
 Machine. Reel.
 Turns *1738* Cor. + *117* Depth *10575 fms*
 Shot or lead *60 lb*
 Bottom *Fine sand*
 Bottom temperature *35.1*
 No. of thermometer *63102* Cor. -
 Corrected temperature *35.1*
 Air *48* Surface *4* Drift
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

	09.50	0
1	07.50	100
2	06.50	200
3	05.50	300
4	05.00	400
5	04.05	500
6	03.05	600
7	02.00	700
8	10.00.50	800
9	05.40	900
10	05.20	1000
11	05.15	1100
12	05.11	1200
13	05.10	1300
14	05.10	1400
15	05.15	1500
16	05.05	1600
17	05.00	1700
18	04.45	1800
19	04.30	1900
20	04.15	2000
21	04.00	2100
22	03.45	2200
23	03.30	2300
24	03.15	2400

4185
1938
1745
157
45
117
1938
2053

M. L. 3 fms

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		21100	1.57	1.57
50		1000	42	417
100		2245	117	20.55
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

54° 38' = 175° 27'

No. 3398 Date July 2, 1893

Machine. 2 Reel. 2

Turns 1924 Cor. + 117

Depth 2041 fms

Shot or lead 60 lbs

Bottom gy M. S.

Bottom temperature 35

No. of thermometer 68917

Cor. -10.1

Corrected temperature 25.1

Air 56

Surface 49

Drift 6/10 mi

Trawl or dredge

Hand trawl 15 ft

SOUNDING WIRE.

DOWN.	UP.
4.00.00	43.19
1.22	41.18
2.17	41.18
3.57	40.19
5.40	44.20
7.58	43.22
9.34	42.24
11.30	41.24
13.34	40.26
15.30	39.25
17.28	38.25
19.45	37.27
21.53	36.26
23.05	35.25
24.18	34.21
25.35	33.17
26.53	32.08
28.19	31.03
29.57	29.52
31.32	28.57
32.57	4.27.01

TURNS.

0
100
160
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
1924
2100
2200
2300
2400

DREDGE ROPE.

DOWN.	UP.
4-03-30	5-01-15
07-10	57-45
09-05	4-51-57
Trawl time 12.5	
to 150 fms depth	
Depth 4-52-00	
Cable: two lines and fish cage.	

		2500		
		2600		
		2700		
		2800		
		2900		
		3000	411.3	109
		3100	19.4	42
4183	150	3200	235.9	117
1920	1.4	3300		1924
2259	117	3400		2041
	1020	3500		
	2641	3600		
		3700	8.8	
		3800	1	
		3900	79.2	
		4000	15.8	

5	47.8	SER. 50.270	NO. OF THER. 62364	COR. 0.0	COR. TEMP. 47.0
DEPTH.	TEMP.				
25	47.8	63002	0.0		47.0
50	39.	65307	0.0		39.0
100	36.2	60000	-10.1		36.3
200	39.	60065	1.0		39.0
300	44.	60924	-10.1		44.1
400	38.	61506	-10.2		38.2
500	37.4	50000	—		37.4
600	38	61258	-0.1		37.9
700	36.9	61557	0.0		36.9
800	35.2	62307	-10.1		36.3
900	—	69400	—		—
1000	35.8	65909	-10.1		35.7

REMARKS:

Thermometer at 900 fms
 failed to trip.
 1200 fms. Thermometer at 900 fms.
 1200 fms. Thermometer at 900 fms.
 1200 fms. Thermometer at 900 fms.
 1200 fms. Thermometer at 900 fms.

55° 30' = 174° 32'

No. 3400 Date Aug. 20 1893.
 Sigsbee Machine. 2 Reel. Navy.
 Turns 1851 Cor. + 115 Depth 1966 fms.
 Shot or lead 60 lbs.
 Bottom m. M. fine S.
 Bottom temperature 35.1
 No. of thermometer 61596 Cor. + 0.2
 Corrected temperature 35.3
 Air 48 Surface 47 Drift
 Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.
10-57-25	46-15	0
58-40	45-15	100
59-35	44-25	200
11-00-25	43-35	300
01-20	42-35	400
02-40	41-40	500
03-55	40-45	600
05-10	39-40	700
06-15	38-45	800
07-15	37-45	900
08-20	36-50	1000
09-25	35-50	1100
10-30	34-55	1200
11-35	33-45	1300
12-40	32-45	1400
13-00	31-35	1500
14-15	30-25	1600
15-25	29-15	1700
17-00	28-00	1800
18-15	11-26-30	1851
		1900
		2000
		2100
		2200
		2300
		2400

1 min. while pulling in

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
4183	159	3400		
1881	44	3500	4183	159
2-2-02	115	3600	1881	44
	1881	3700	2302	115
	1996	3800		1881
		3900		7776
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

7 1/2 min. waiting at 200,

Lat $55^{\circ} 23' = 173^{\circ} 38'$

No. *3402* Date *August 1*
Sigsbee Machine. Reel. *Thompson*
 Turns *1816* Cor. + *112* Depth *1928 fms*
 Shot or lead *600 lbs*

Bottom *gn. M. fm. S.*

Bottom temperature *35.5*

No. of thermometer *6665* Cor. *-*

Corrected temperature *35.5*

Air *48* Surface *47* Drift *.7 mile*

Trawl or dredge *13 1/2 ft. dredge*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>41.10</i>	<i>9.4</i>	0		
<i>41.58</i>	<i>8.4</i>	100		
<i>42.56</i>	<i>7.4</i>	200		
<i>43.27</i>	<i>6.5</i>	300		
<i>44.15</i>	<i>5.6</i>	400		
<i>45.02</i>	<i>4.5</i>	500		
<i>45.52</i>	<i>3.5</i>	600		
<i>46.48</i>	<i>2.5</i>	700		
<i>47.41</i>	<i>1.6</i>	800		
<i>48.40</i>	<i>1.1</i>	900		
<i>49.34</i>	<i>1.5</i>	1000		
<i>50.40</i>	<i>2.9</i>	1100		
<i>51.42</i>	<i>57.13</i>	1200		
<i>52.47</i>	<i>55.11</i>	1300		
<i>53.57</i>	<i>54.09</i>	1400		
<i>55.08</i>	<i>54.01</i>	1500		
<i>56.15</i>	<i>52.58</i>	1600		
<i>57.28</i>	<i>51.40</i>	1700		
<i>58.40</i>	<i>49.53</i>	1800		
<i>59.51</i>	<i>49.38</i>	<i>(1816)</i>		
		<i>1900</i>		
		2000		
		2100		
		2200		
		2300		
		2400		

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
4183	159	3100	4183	159
1816	47	3200	1816	47
<u>2364</u>	<u>112</u>	3300	<u>2357</u>	<u>112</u>
	1816	3400		1816
	<u>1928</u>	3500		<u>1928</u>
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 3463 1784 Date

<i>Machine.</i>	<i>Reel.</i>
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

Turns 1725 Cor. + 108 Depth / 803

Shot or Lead, 60 lb.

Bottom gn M x fine d

Bottom temperature 35.

No. of thermometer 67364 Cor. -10.1

Corrected temperature . . . 35.1

Air *Surface* *Drift*

Travel or dredge 11. 10. 1911

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10. 10. 10	16. 21. 30	0		
11. 00	17. 0. 30	100		
12. 50	17. 0. 00	200		
14. 30	17. 15	300		
16. 15	18. 30	400		
18. 15	17. 50	500		
20. 15	17. 00	600		
22. 10	16. 10	700		
23. 10	15. 40	800		
24. 10	14. 30	900		
25. 10	13. 45	1000		
26. 30	12. 45	1100		
27. 30	11. 20	1200		
28. 40	10. 45	1300		
29. 50	09. 15	1400		
10. 01. 00	08. 15	1500		
02. 10	07. 30	1600		
03. 45	06. 45	1700		
04. 10	06. 00	1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

7. Loop 145, 2

Inner Net.	2500		
	2600		
Outer Net.	2700		
for depth	2800		
ambiguity	2900		
ambiguity	3000		
	3100		
Open Log:	3200	4183	159
	3300	1725	51
Temperature	3400	2458	108
depth, 244-	3500		1725
depth, 244-	3600		1223
depth, 244-	3700		
depth, 244-	3800		
depth, 244-	3900		
depth, 244-	4000		
strophane.			

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	39.5	673.58	-0.1	39.4
50	38.7	694.85	+0.1	38.3
100	37.0	639.01	0.0	37.0
200	35.0	619.20	0.0	34.0
300	33.0	619.20	+0.1	32.1
400	31.1	619.20	0.0	30.2
500	29.1	619.20	0.0	29.8
600	28.0	6666.5	0.0	28.0
700	37.0	6159.6	+0.2	37.2
800	36.3	6436.4	+0.1	36.4
900	36.2	619.20	0.0	36.2
1000	38.0	6672.0	+0.1	38.9

REMARKS:

56° 15' = 171° 33' W

007.

No. *3545* Date *Aug 21 1880*

Machin. *Sigsbee* Reel.

Turns *951* Cor. + *6.2* Depth *1000*

Shot or lead *60 lbs*

Bottom *gy. M. s. f. g.*

Bottom temperature *35.*

No. of thermometer *61587* Cor. *-*

Corrected temperature *36.0*

Air *52* Surface *48* Drift

Trawl or dredge *Agassiz*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

		0	<i>5.35.00</i>	<i>0.34.30</i>
		100	<i>5.36.11</i>	<i>2.5.11</i>
		200	<i>5.39.13</i>	<i>2.8.35</i>
		300	<i>5.42.11</i>	<i>2.11.00</i>
	<i>24.40</i>	400	<i>5.45.29</i>	<i>2.1.30</i>
	<i>23.40</i>	500	<i>5.48.51</i>	<i>1.7.50</i>
	<i>22.35</i>	600	<i>5.51.55</i>	<i>1.4.25</i>
	<i>21.10</i>	700	<i>5.54.56</i>	<i>0.5.58</i>
	<i>21.25</i>	800	<i>5.58.06</i>	<i>1.1.15</i>
	<i>20.55</i>	900	<i>6.02.11</i>	<i>1.1.16</i>
<i>17-15</i>	<i>19.40</i>	<i>1000</i>	<i>6.06.13</i>	<i>7.55.10</i>
<i>18-00</i>	<i>3-19-00</i>		<i>6.09.10.</i>	<i>7.57.45</i>
		1100	<i>6.13.47</i>	<i>7.24.15</i>
		1200	<i>6.17.45</i>	<i>7.16.12</i>
		1300	<i>6.21.43</i>	<i>7.10.41.5</i>
		1400	<i>6.25.58</i>	<i>6.53.45</i>
		1500	<i>6.30.08.</i>	<i>4.15.47.</i>
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*6 in. line 0
a. 5.56*

P. Log: 96.4

56° 26' = 171° 04'

507

No. 3403 Date Aug 21 '93

Machine. Reel.

Turns 164 Cor. + 7 Depth 171 fms.

Shot or Lead 35

Bottom In M. & G. S. M. S.

Bottom temperature

No. of thermometer 66734 Cor. -

Corrected temperature

Air 50 Surface 46 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10.51.00 10.54.00
52.15 53.30
52.45 53.55

0
100
164
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400

15.8

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		545	12	164
50		164	5	7
100		380	7	171
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

~~3404~~ 56° 18' = 170° 34'

No. 3404 Hyd Date Aug 22. 1893
 Tanner Machine. Reel.
 Turns 66 Cor. + 3 Depth 69 fms
 Shot or lead 25 lbs.
 Bottom gn M. fine S.
 Bottom temperature 39.0
 No. of thermometer 61587 Cor. 0.0
 Corrected temperature 39.0
 Air 49 Surface 46 Drift
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

1-07-10

09-00

0

07-50

1-07-55

100

545 12

200

66

300

479

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

P. Log: 35.2

$$\begin{array}{r} 545 \\ 36 \\ \hline 489 \end{array}$$

$$\begin{array}{r} 12 \\ 9 \\ \hline 3 \\ 36 \\ \hline 59 \end{array}$$

$$\begin{array}{r} 4533 \\ 350 \\ \hline 4183 \end{array}$$

5007